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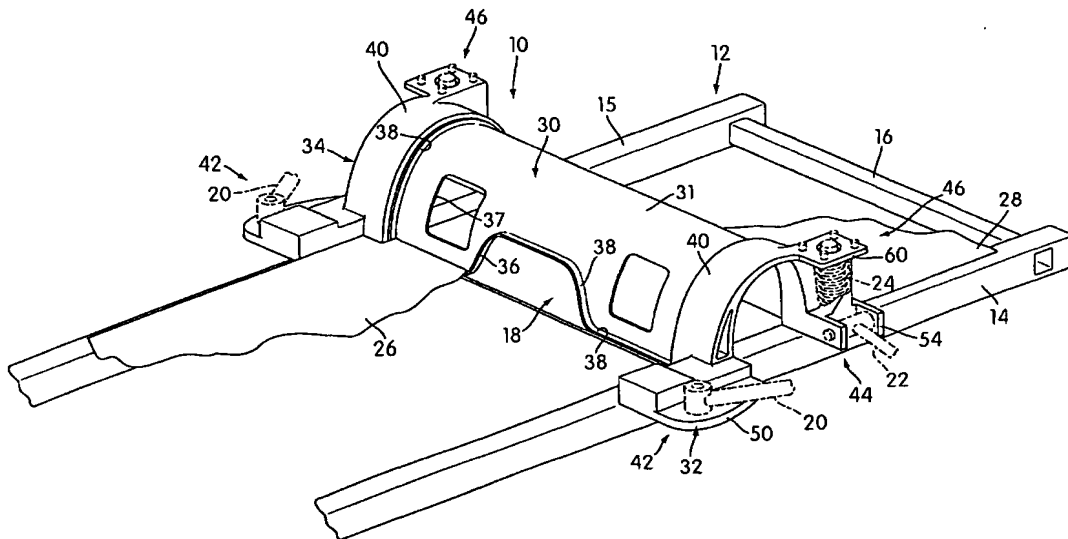
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- (74) Agent: **BARUFKA, Jack, S.**; Pillsbury Winthrop LLP, P.O. Box 10500, McLean, VA 22102 (US).
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- (71) Applicant (for all designated States except US): **MAGNA INTERNATIONAL INC.** [CA/CA]; 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **WERNER, Mark** [CA/CA]; 5985 Abbott Street, LaSalle, Ontario N9J 3L6 (CA). **GABBIANELLI, Gianfranco** [CA/US]; 1667 Picadilly, Troy, MI 48084 (US).
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(54) Title: CROSS MEMBER FOR A MOTOR VEHICLE



(57) Abstract: A cross member (10) for a motor vehicle includes an elongated, non-cast center structure (30) and first and second castings (32, 34). The center structure (30) is formed as a one-piece, unitary structure and has a first end, a mid portion, and a second end. The first casting (32) is rigidly connected to the first end of the center structure and the second casting (34) is rigidly connected to the second end of the center structure. Each of the castings is configured and arranged to be attached to a respective motor vehicle element (14, 15).

WO 2004/028882 A3

**WO 2004/028882 A3**



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

## INTERNATIONAL SEARCH REPORT

Internat. Application No.

PCT/US 03/30195

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 B62D21/02 B62D27/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B62D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 22 731 A (BAYERISCHE MOTOREN WERKE AG) 25 November 1999 (1999-11-25)  abstract; claims 1-3,6,8; figure column 1, line 5 - line 12 column 2, line 16 - line 20 column 2, line 40 - line 66	1-3,5,8, 9,11,12, 14,16, 17,19,20
Y	---	6,7,13, 18
Y	US 5 915 727 A (BONNVILLE KENNETH J) 29 June 1999 (1999-06-29) abstract; figure 1 column 2, line 25 - line 54	6,7,18
A	---	1,11,14, 20
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☒ Further documents are listed in the continuation of box C.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax (+31-70) 340-3016

Authorized officer

Westland, P

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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